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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

**TRANSMITTAL
FORM**

(to be used for all correspondence after initial filing)

		Application Number	10/705,717
		Filing Date	November 10, 2003
		First Named Inventor	Tracy W. Nelson
		Group Art Unit	1725
		Examiner Name	Kiley Shawn Stoner
Total Number of Pages in This Submission (including this sheet)		Attorney Docket No.	1219.BYU.CN2

ENCLOSURES (check all that apply)				
<input checked="" type="checkbox"/> Amendment / Response <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Appeal Communication: <input type="checkbox"/> Appeal Notice <input type="checkbox"/> Appeal Brief <input type="checkbox"/> Reply Brief <input type="checkbox"/> Assignment with Cover Sheet <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Check in the amount of \$_____ <input type="checkbox"/> Credit card authorization in the amount of \$_____ <input type="checkbox"/> Declaration & Power of Attorney <input type="checkbox"/> Drawings ____ sheets <input type="checkbox"/> Formal <input type="checkbox"/> Informal	<input type="checkbox"/> Extension of Time Request _____ month <input type="checkbox"/> Fee Calculation Table <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Form 1449 <input type="checkbox"/> Copies of IDS References <input type="checkbox"/> Issue Fee Transmittal & Advance Order	<input type="checkbox"/> Maintenance Fee Transmittal _____ year <input type="checkbox"/> Missing Parts Response <input type="checkbox"/> Notification of Change of Attorney Address & Docket Number <input checked="" type="checkbox"/> Return Postcard <input type="checkbox"/> Revocation & Power of Attorney <input type="checkbox"/> Status Inquiry <input type="checkbox"/> Other:		
			Remarks	

SIGNATURE OF APPLICANT, ATTORNEY OR AGENT		
Attorney for Applicant	David W. O'Bryant, Registration No. 39,793 MORRISS O'BRYANT COMPAGNI, P.C. 136 South Main Street, Suite 700 Salt Lake City, Utah 84101 (801) 478-0071 telephone; (801) 478-0076 facsimile	
Signature		Date 7/19/05

CERTIFICATE OF MAILING UNDER 37 CFR § 1.8

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Typed or Printed Name	David W. O'Bryant		
Signature		Date	7/19/05



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

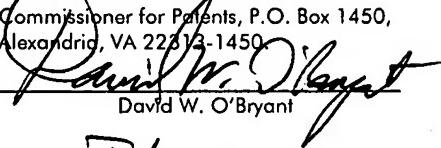
APPLICANT: Tracy W. Nelson

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SERIAL NO.: 10/705,717

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FILING DATE: 11/10/2003


David W. O'Bryant

TITLE: FRICTION STIR WELDING OF
METAL MATRIX COMPOSITES,
FERROUS ALLOYS, NON-
FERROUS ALLOYS, AND
SUPERALLOYS USING A
SUPERABRASIVE TOOL

July 19, 2005
Date of Deposit

ART UNIT: 1725

EXAMINER: Stoner, Kiley Shawn

DOCKET NO.: 1219.BYU.CN2

AMENDMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

INTRODUCTORY COMMENTS

In response to the Office Actions mailed January 14, 2005, and June 29, 2005, Applicant offers the following Amendment and requests consideration and examination of the above-captioned application.

- This paper includes the following sections:
- Amendments to the Claims begin on page 2 of this paper; and
- Remarks begin on page 31 of this paper